

## LIST OF PUBLICATIONS

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### Peer Reviewed

- **Elbaz Y.**, Steiner Mordoch S., Danieli T. and Schuldiner S. (2004) In vitro Synthesis of Fully Functional EmrE, a Multidrug Transporter and Study of its Oligomeric State. *Proc. Natl. Acad. Sci. U S A.* 101:1519-24
- Ninio S., **Elbaz Y.** and Schuldiner S. (2004) The Membrane Topology of EmrE – a Small Multidrug Transporter from Escherichia coli. *FEBS Lett.* 562: 193-6
- **Elbaz Y.**, Tayer N., Steinfels E., Steiner Mordoch S. and Schuldiner, S. (2005) Substrate Induced Tryptophan Fluorescence Change in EmrE, the Smallest Ion-Coupled Multidrug Transporter. *Biochemistry* 44:7369-77
- **Elbaz Y.**, Salomon T. and Schuldiner S. (2008) Identification of a glycine motif required for packing in EmrE, a multidrug transporter from E. coli. *J. Biol. Chem.* 283:12276-83
- **Elbaz Y.**, Danieli T., Kanner B.I. and Schuldiner S. (2010) Expression of Neurotransmitter Transporters for Structural and Biochemical Studies. *Protein Exp. Purif.* 73:152-60
- Herzig Y., Sharpe H.J., **Elbaz Y.**, Munro S. and Schuldiner M. (2012) A systematic approach to pair secretory cargo receptors with their cargo suggests a mechanism for cargo selection by Erv14. *PLoS Biol.* 10(5):e1001329
- Pasic D.\*, **Elbaz-Alon Y.\***, Koerdt S.N., Leopold K., Jung M., Worm D. Rapaport D. and Schuldiner M. (2013) The role of Djp1 in import of the mitochondrial protein Mim1 demonstrates specificity between a co-chaperone and its substrate protein. *Mol. Cell. Biol.* 33:4083-94  
\* Co-first author
- Cohen Y., Klug YA., Dimitrov L., Erez Z., Chuarzman S.G., Elinger D., Yofe I, Soliman K, Gartner J, Thoms S., Schekman R., **Elbaz-Alon Y.\***, Zalckvar E.\* and Schuldiner M.\* (2014) Peroxisomes are juxtaposed to strategic sites on mitochondria. *Mol. BioSyst.* 10: 1742-8.  
\* Corresponding author

*This paper was highlighted in the New & Noteworthy category of the SGD blog.*

See <http://www.yeastgenome.org/pinpointing-peroxisomes>

- **Elbaz-Alon Y.** Rosenfeld-Gur E., Shinder V., Futerman A.H., Geiger T. and Schuldiner M. (2014) A dynamic interface between vacuoles and mitochondria in yeast. *Dev Cell* 30: 95-102.

This paper was highlighted in *Developmental Cell* and in *Nature Reviews Molecular Cell Biology*:

- Klecker T. and Westermann B. (2014) Mitochondria are clamped to vacuoles for lipid transport. *Dev Cell* 30: 1-2.
- Organelles dynamics: Getting in touch. (2014) *Nature Rev MCB*. doi:10.1038/nrm3858.
- **Elbaz-Alon Y.**, Morgan B., Clancy A., Amoako T.N., Zalckvar E., Dick T.P., Schwappach B. and Schuldiner M. (2014) The yeast oligo-peptide transporter Opt2 links the peroxisome to cytosolic and mitochondrial glutathione redox homeostasis. *FEMS Yeast Research*. doi: 10.1111/1567-1364.12196. Epub ahead of print.
- Brill S, Sade-Falk O, **Elbaz-Alon Y**, Schuldiner S (2015). Specificity Determinants in Small Multidrug Transporters. *J Mol Biol*. 427:468-77
- **Elbaz-Alon Y**, Eisenberg-Bord M, Shinder V, Stiller SB, Shimoni E, Wiedemann N, Geiger T, Schuldiner M (2015). Lam6 Regulates The Extent of Contacts Between Organelles (Cover). *Cell Reports* 12:7-14

*This paper was highlighted in the Spotlight section of Trends in Cell Biology:*

- Gonzalez Montoro A. and Ungermann C. (2015) StARTing to understand membrane contact sites. *Trends Cell Biol*. doi: 10.1016/j.tcb.2015.07.001. [Epub ahead of print]

## Reviews

- **Elbaz Y.** & Schuldiner S. (2008) Drug Transport in Living Systems. In: *Wiley Encyclopedia of Chemical Biology*. T. P. Begley (Ed). John Wiley & Sons, Inc.
- **Elbaz Y.** & Schuldiner M. (2011) Staying in touch: the molecular era of organelle contact sites. *Trends Biochem. Sci.* 36:616-23
- **Elbaz Y.** & Schuldiner S. (2012) Chapter 7: Drug Transport in Living Systems. In: *Chemical Biology. Approaches to Drug Discovery and Development to Targeting Disease*. N. Civjan (Ed). John Wiley & Sons, Ltd.